

**WHAT IS CLAIMED IS:**

1. An image printing apparatus comprising:
  - a setting device for setting an image printing condition in printing a copied image from an original image;
  - an image reader for reading original image of a plurality of pages on a page basis;
  - a read start button which causes the image reader to start reading an original image;
  - 10 a storage for storing original images of a plurality of pages read by the image reader;
  - an image printing device for printing a copied image on the basis of an original image stored in the storage in accordance with an image printing condition set by the setting device;
  - 15 an image printing start button which instructs the image printing device to start printing a copied image; and
  - a controller for performing control to form originals constituted by a plurality of pages into a plurality of groups in printing copied images from the originals constituted by the plurality of pages, make the setting device set image printing conditions for each group, make the image reader read images on originals for each group when the read start button is pressed, make the storage store original images, and make the image printing device print copied images for each group in accordance with the image printing conditions set for each group with respect

to all the groups when the image printing start button is pressed.

2. An apparatus according to claim 1, wherein the image printing condition includes the number of sheets on 5 which the copied images are to be printed.

3. An apparatus according to claim 1, wherein the image printing condition includes paper delivery position information to be set when a recording sheet on which the copied image is printed is to be delivered.

10 4. An apparatus according to claim 1, wherein the image printing condition includes delimiter information indicating the end of the same image printing condition.

15 5. An apparatus according to claim 1, wherein the controller causes a postprocessing device to perform processing on a booklet basis on the basis of the delimiter information.

20 6. An apparatus according to claim 4, wherein the delimiter information indicates a last page in one loading operation when the original images of the plurality of pages are to be loaded by repeating loading operation.

7. An apparatus according to claim 1, wherein the read start button and the image printing start button are the same button.

25 8. An apparatus according to claim 4, wherein said setting device comprises selecting device for selecting whether to perform control based on the delimiter information.

9. An apparatus according to claim 1, wherein the controller performs the image printing without stopping a print sequence on a page basis when the image printing conditions are input on a page basis.

5 10. An image printing apparatus which performs image printing from one set of original images constituted by a plurality of pages in accordance with preset first image printing conditions and, forms copied images constituted by a plurality of pages, comprising:

10 a setting device for setting second image printing conditions, for a predetermined page of the plurality of pages, which differ in at least one of conditions concerning a layout, information addition, and postprocessing of the first image printing conditions; and

15 a controller for performing control to perform image printing in accordance with the second image printing conditions set by said setting device when image printing is to be performed from an original image of the predetermined page in printing the copied images  
20 constituted by the plurality of pages from the one set of original images.

11. An apparatus according to claim 10, wherein the layout includes processing of outputting the plurality of original images to one page.

25 12. An apparatus according to claim 10, wherein the information addition includes addition of page number information.

13. An apparatus according to claim 10, wherein the postprocessing includes at least one of staple processing, punch processing, and folding processing.

14. An apparatus according to claim 10, wherein the 5 second image printing conditions are set on a multiple page basis.

15. An apparatus according to claim 10, wherein the setting device includes a display portion, displays the first image printing conditions on the display portion for 10 each page of the original images, and sets the second image printing conditions on the basis of the display portion.

16. An apparatus according to claim 10, wherein the image printing condition includes the number of sheets to be output for said each page.

15 17. An apparatus according to claim 15, wherein said display portion displays image information of the page as a thumbnail.

18. An apparatus according to claim 15, wherein said display portion comprises a bird's-eye display portion for 20 showing a bird's-eye view of the plurality of pages.

19. An apparatus according to claim 18, wherein the bird's-eye display portion comprises different display forms for pages having different image printing conditions.

20. An apparatus according to claim 19, wherein the 25 display form is a display color representing the page.

21. An apparatus according to claim 15, wherein said display portion comprises a ten-key pad which designates a

number assigned to a page to be displayed and a shift key which sequentially designates a previous page or a next page of a displayed page.

22. An image printing apparatus comprising:

5 a storage for storing one set of original image data constituted by a plurality of pages;

a setting device for setting an image printing condition in forming a copied image; and

10 an image printing device for printing a copied image by reading out original image data stored in the storage, performing image printing in accordance with the image printing condition set by the setting device, and performing paper delivery,

15 wherein in setting image printing conditions, the setting device can set at least one of conditions concerning a layout, information addition, and postprocessing on a page basis when printing copied image constituted by a plurality of pages from one set of original images constituted by a plurality of pages.

20 23. An apparatus according to claim 22, wherein the image printing conditions can be set on a multiple page basis.

25 24. An apparatus according to claim 22, wherein the setting device includes a display portion, displays the image printing conditions on the display portion for each page of the original images, and sets the second image printing conditions on the basis of the display portion.

25. An apparatus according to claim 22, wherein the image printing condition includes the number of sheets to be output for each page.

26. An apparatus according to claim 24, wherein the 5 display portion displays image information of the page as a thumbnail.

27. An apparatus according to claim 24, wherein the display portion comprises a bird's-eye display portion for showing a bird's-eye view of the plurality of pages.

10 28. An apparatus according to claim 27, wherein the bird's-eye display portion comprises different display forms for pages having different image printing conditions.

29. An apparatus according to claim 28, wherein the display form is a display color representing the page.

15 30. An apparatus according to claim 24, wherein the display portion comprises a ten-key pad which designates a number assigned to a page to be displayed and a shift key which sequentially designates a previous page or a next page of a displayed page.